Attorney Docket No: 21101.0048U2 Application No.: 10/585,717 Sheet 1 of 3

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INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Filing Date	July 11, 2006 Leppert 1646				
				First Named Inventor					
				Group Art Unit					
				Examiner Name	Pak, M. D.				
PADEM			U.S. PATENT				÷		
Examiner's	Cite	Document No.	Date	Name	Class	Subclass	Filing Date		
Initials	No.	0.000.074	05/00/0000	Malayyaki at al			(if appropriate		
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	A3	6,673,549	01/06/2004	Furness et al			<u> </u>		
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		FC	REIGN PATEN	IT DOCUMENTS			L		
Examiner's	Cite	Foreign Patent Document	Date	Name			Translation		
Initials	No.	Country Code-Number-Kind Code				Ye	Yes/No		
	A5	WO 1996/014077	5/17/1996	Trophix Pharmaceutica					
	A6	WO 2002/083945	10/24/2002	IMP College Innovation	novations Ltd.				
			NON BATENT	DOCUMENTS					
Examiner's	Cite		NON-PATENT		ate and Place of P	ublication)			
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conformance and not considered.	nclude copy of this form with next communication to applicant.				

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Complete if Known 10/585,717 **Application Number** INFORMATION DISCLOSURE Filing Date July 11, 2006 STATEMENT LIST Leppert First Named Inventor (Use as many sheets as necessary) 1646 **Group Art Unit** Pak, M. D. **Examiner Name** Fujiwara T, Sugawara T, Mazaki-Miyazaki E, Takahashi Y, Fukushima K, Watanabe M, Hara K, A18 Morikawa T, Yagi K, Yamakawa K, Inoue Y. Mutations of sodium channel alpha subunit type 1 (SCN1A) in intractable childhood epilepsies with frequent generalized tonic-clonic seizures. Brain. 2003 Mar; 126(Pt 3):531-46. GeneBank Accession No. AF000368 A19 GeneBank Accession No. NM 002977 A20 GeneBank Accession No. U35238 A21 GeneBank Accession No. U79568 A22 GeneBank Accession No. X82835 A23 Goldin AL, Barchi RL, Caldwell JH, Hofmann F, Howe JR, Hunter JC, Kallen RG, Mandel G, A24 Meisler MH, Netter YB, Noda M, Tamkun MM, Waxman SG, Wood JN, Catterall WA, Nomenclature of voltage-gated sodium channels. Neuron. 2000 Nov;28(2):365-8. Goldin AL. Resurgence of sodium channel research. Annu Rev Physiol. 2001;63:871-94. A25 Hartshorne RP, Catterall WA. The sodium channel from rat brain. Purification and subunit A26 composition. Biol Chem. 1984 Feb 10;259(3):1667-75. Kraner SD, Tanaka JC, Barchi RL. Purification and functional reconstitution of the voltage-A27 sensitive sodium channel from rabbit T-tubular membranes. J Biol Chem. 1985 May 25;260(10):6341-7. Lossin C, Rhodes TH, Desai RR, Vanoye CG, Wang D, Carniciu S, Devinsky O, George AL Jr. A28 Epilepsy-associated dysfunction in the voltage-gated neuronal sodium channel SCN1A. J Neurosci. 2003 Dec 10;23(36):11289-95 Nabbout R, Gennaro E, Dalla Bernardina B, Dulac O, Madia F, Bertini E, Capovilla G, Chiron C. A29 Cristofori G, Elia M, Fontana E, Gaggero R, Granata T, Guerrini R, Loi M, La Selva L, Lispi ML, Matricardi A, Romeo A, Tzolas V, Valseriati D, Veggiotti P, Vigevano F, Vallee L, Dagna Bricarelli F, Bianchi A, Zara F. Spectrum of SCN1A mutations in severe myoclonic epilepsy of infancy. Neurology. 2003 Jun 24;60(12):1961-7. National Institutes of Health Grant No. R01NS032666 A30 Peiffer A, Thompson J, Charlier C, Otterud B, Varvil T, Pappas C, Barnitz C, Gruenthal K, Kuhn R, A31 Leppert M. A locus for febrile seizures (FEB3) maps to chromosome 2q23-24. Ann Neurol. 1999 Oct;46(4):671-8. Sangameswaran L, Fish LM, Koch BD, Rabert DK, Delgado SG, Ilnicka M, Jakeman LB, A32 Novakovic S, Wong K, Sze P, Tzoumaka E, Stewart GR, Herman RC, Chan H, Eglen RM, Hunter JC. A novel tetrodotoxin-sensitive, voltage-gated sodium channel expressed in rat and human dorsal root ganglia. J Biol Chem. 1997 Jun 6;272(23):14805-9 Singh R, Scheffer IE, Crossland K, Berkovic SF. Generalized epilepsy with febrile seizures plus: a A33 common childhood-onset genetic epilepsy syndrome. Ann Neurol. 1999 Jan;45(1):75-81 Sugawara T, Tsurubuchi Y, Agarwala KL, Ito M, Fukuma G, Mazaki-Miyazaki E, Nagafuji H, Noda A34 M, Imoto K, Wada K, Mitsudome A, Kaneko S, Montal M, Nagata K, Hirose S, Yamakawa K. A missense mutation of the Na+ channel alpha II subunit gene Na(v)1.2 in a patient with febrile and afebrile seizures causes channel dysfunction. Proc Natl Acad Sci U S A. 2001 May 22;98(11):6384-9. Tanaka JC, Eccleston JF, Barchi RL. Cation selectivity characteristics of the reconstituted voltage-A35 dependent sodium channel purified from rat skeletal muscle sarcolemma. J Biol Chem. 1983 Jun 25;258(12):7519-26.

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	e copy of this form with next communication to applicant.

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Complete if Known 10/585,717 Application Number INFORMATION DISCLOSURE Filing Date July 11, 2006 STATEMENT LIST First Named Inventor Leppert (Use as many sheets as necessary) Group Art Unit 1646 Pak, M. D. Examiner Name Toledo-Aral JJ. Moss BL. He ZJ, Koszowski AG, Whisenand T, Levinson SR, Wolf JJ, Silos-A36 Santiago I, Halegoua S, Mandel G. Identification of PN1, a predominant voltage-dependent sodium channel expressed principally in peripheral neurons. Proc Natl Acad Sci U S A. 1997 Feb 18;94(4):1527-32. Vijayaragayan K, Boutjdir M, Chahine M. Modulation of Nav1.7 and Nav1.8 peripheral nerve A37 sodium channels by protein kinase A and protein kinase C. J Neurophysiol. 2004 Apr;91(4):1556-Wallace RH, Scheffer IE, Barnett S, Richards M, Dibbens L, Desai RR, Lerman-Sagie T, Lev D, A38 Mazarib A, Brand N, Ben-Zeev B, Goikhman I, Singh R, Kremmidiotis G, Gardner A, Sutherland GR, George AL Jr, Mulley JC, Berkovic SF. Neuronal sodium-channel alpha1-subunit mutations in generalized epilepsy with febrile seizures plus. Am J Hum Genet. 2001 Apr;68(4):859-65. Epub 2001 Mar 13. Database NCBI "Variation associated with SCN9A" August 7, 2003 Database accession no. A39 rs7589743 Database NCBI "Variation associated with SCN9A" August 7, 2003 Database accession no. A40 rs6432901 Hong et al., "Painful diabetic neuropathy: evidence for altered expression and function of sodium A41 channels," S. Neurosci. Abstract Viewer and Itinerary Planer, November 2003 p. 657.5 Sorensen et al., "Na_v1.7/Pn1 sodium channel upregulation and accumulation at demyelinated sites A42 in painful human tooth pulp," S. Neurosci. Abstract Viewer and Itinerary Planer, November 2003 p. 175.13

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